

RAINFALL RECORDS

HAWAII, ISLAND OF KAUAI

220504159321401. State Key Number 1045.0 Waialeale Trail rain gage near Lihue, Kauai.

LOCATION.--Lat 22°05'04", long 159°32'14", Old Hawaiian Datum, Hydrologic Unit 20070000, 14.0 mi west of Kapaa Beach Park and 8.4 mi south of Hanalei Bay.

PERIOD OF RECORD.--1962 to current year. Prior to October 1992, unpublished records are in files of the U.S. Geological Survey and at the National Weather Service.

GAGE.--Standard 8" National Weather Service accumulation can and a electronic data logger with a tipping bucket catchment (0.01 in. per tip). Elevation of gage is 4,560 ft (from topographic map).

REMARKS.--Records good for periods of daily record and poor for estimated rainfall. Rainfall recorded in hundredths of an inch.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.32	---	---	---	0.19	0.00	0.88	0.40	0.15	0.31	0.12	0.20
2	0.26	---	---	---	3.05	0.00	0.58	0.48	0.28	0.09	0.01	0.05
3	0.19	---	---	---	1.00	0.02	0.39	0.05	0.64	0.13	0.07	0.13
4	0.74	---	---	---	3.44	0.01	0.24	0.00	0.15	0.23	0.02	2.43
5	---	---	---	---	0.03	0.34	0.20	0.00	0.17	0.09	0.35	1.15
6	---	---	---	---	0.00	0.07	0.04	0.00	0.40	0.01	0.00	0.20
7	---	---	---	---	0.00	0.01	0.27	0.11	0.33	0.06	0.08	0.13
8	---	---	---	---	0.00	0.50	1.09	0.58	0.40	0.40	0.00	0.36
9	---	---	---	---	0.01	0.24	0.52	0.06	1.10	0.69	0.02	0.52
10	---	---	---	---	0.03	0.06	0.52	0.00	0.34	0.06	0.21	2.02
11	---	---	---	---	1.12	0.03	0.94	0.00	0.72	1.20	0.36	0.69
12	---	---	---	---	1.08	0.34	0.45	0.00	0.19	0.64	0.00	0.01
13	---	---	---	---	0.00	0.46	0.41	0.04	0.41	0.07	0.00	1.34
14	---	---	---	---	0.01	0.26	0.51	0.47	0.01	0.27	0.22	7.30
15	---	---	---	---	0.00	1.07	0.32	0.26	0.00	1.18	0.38	7.81
16	---	---	---	---	0.00	0.00	0.37	0.00	0.14	0.39	0.10	2.06
17	---	---	---	---	0.00	0.00	0.20	0.20	0.76	0.95	0.31	0.14
18	---	---	---	---	0.00	0.00	0.00	0.13	0.43	0.04	0.00	0.04
19	---	---	---	---	0.00	0.00	0.02	0.03	4.06	0.00	0.01	0.00
20	---	---	---	---	0.00	0.00	0.01	0.00	0.03	0.14	0.08	0.43
21	---	---	---	---	0.00	0.00	0.00	0.07	0.01	0.15	0.00	0.55
22	---	---	---	---	0.10	0.00	0.00	3.74	0.10	0.41	0.00	1.18
23	---	---	---	---	0.24	0.00	0.00	0.05	1.17	0.56	0.00	0.95
24	---	---	---	---	0.23	0.00	0.02	0.00	0.33	0.01	0.00	0.03
25	---	---	---	---	0.73	0.62	0.00	0.07	0.81	0.00	0.33	0.01
26	---	---	---	0.33	0.82	0.21	0.13	0.03	0.12	0.00	0.11	0.16
27	---	---	---	0.06	0.02	0.11	0.12	0.03	0.54	0.03	0.02	0.45
28	---	---	---	0.06	0.00	0.35	0.00	0.05	0.21	2.33	0.09	0.35
29	---	---	---	0.02	---	2.32	0.00	0.05	0.37	0.17	0.15	0.90
30	---	---	---	0.04	---	0.28	0.00	0.05	0.43	0.03	0.15	2.23
31	---	---	---	3.27	---	0.30	---	0.49	---	0.18	0.01	---
TOTAL	---	---	---	---	12.10	7.60	8.23	7.44	14.80	10.82	3.20	33.82

CALYR 2004 TOTAL 174.48
WTR YR 2005 TOTAL 148.60

No daily record October 5 to December 31. Accumulated rainfall for this period is estimated to be 36.2 inches.
No daily record January 1-25. Accumulated rainfall for this period is estimated to be 9.1 inches